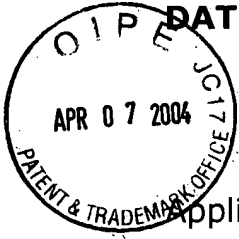


Image

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**HAND DELIVERED BY NOREEN FABEAN**  
**DATE DELIVERED: APRIL 5, 2004**



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Weigel et al.	)	Atty Dkt No:	35541.011
	)		
Serial No: 09/469,200	)	Examiner:	G. Bugaisky
	)		
Filed: December 21, 1999	)	Art Unit:	1653
	)		
For: HYALURONAN	)		
SYNTHASE GENE AND	)		
USES THEREOF	)		

Mail Stop - Non-Fee Amendment  
Commissioner For Patents  
P.O. Box 1450, Alexandria, VA 22313-1450

**AMENDMENT**

In response to the Office Action mailed March 24, 2004, please amend the above-referenced patent application as follows.

**In the Specification:**

Please amend paragraph [0183] as submitted herein below in redline form. This paragraph is being amended herein to provide SEQ ID Nos to sequences that were disclosed in the Specification at the time of filing. Such amendments simply place the Specification in full compliance with 37 C.F.R.

APPROVED

for  
PTO DEPOSIT ACCOUNT CHARGE  
ACCOUNT #04-1700

DUNLAP, CODDING &amp; ROGERS, P.C.

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCEExpress Mail No. ☐ Hand Delivered

Date Trans.

04/05/2004

APR 07 2004

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Application Number

09/469,200

Filing Date

12/21/1999

First Named Inventor

Paul Weigel, et al.

Group Art Unit

1653

Examiner Name

G. Bugaisky

Total Number of Pages in This Submission

Attorney Docket Number

35541.011

**ENCLOSURES (check all that apply)**☒ Fee Transmittal Form☐ Fee Attached☒ Amendment / Reply☐ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☐ Information Disclosure Statement☐ Certified Copy of Priority Document(s)☐ Response to Missing Parts/  
Incomplete Application☐ Response to Missing Parts  
under 37 CFR 1.52 or 1.53☐ Assignment Papers  
(for an Application)☐ Drawing(s)☐ Licensing-related Papers☐ Petition☐ Petition to Convert to a  
Provisional Application☐ Power of Attorney, Revocation  
Change of Correspondence  
Address☐ Terminal Disclaimer☐ Request for Refund☐ CD, Number of CD(s) \_\_\_\_\_☐ After Allowance Communication  
to Group☐ Appeal Communication to Board  
of Appeals and Interferences☐ Appeal Communication to Group  
(Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☒ Other Enclosure(s) (please  
identify below):

See remarks below:

Remarks

1. Transmittal Form (1 page); 2. Fee Transmittal (1 page);  
3. Fee Determination Record (1 page);  
4. Amendment (11 pages);  
5. Sequence Listing (16 pages);  
6. Diskette of Sequence Listing;  
7. Statement That Content of the Paper And Computer Readable Copy Are The  
Same And Contain No New Matter (2 Pages); and  
8. Postcard**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**Firm  
or  
Individual name

DUNLAP, CODDING &amp; ROGERS, P.C., Customer Number 30589

Douglas J. Sorocco, P. O. Box 16370, Oklahoma City, Oklahoma 73113

Signature

Date

**CERTIFICATE OF MAILING**I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail or U.S. Express  
mail no. Hand Delivered in an envelope addressed to the address below on this date:

04/05/2004

Typed or printed name

Douglas J. Sorocco, Reg. No. 43,145

Signature

Date

4-5-04

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P.O. Box 1450, Alexandria, VA 22313

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Express Mail No.: Hand Delivered PTO DEPOSIT ACCOUNT CHARGE  
 Date Deposited: 04/05/2004 ACCOUNT#04-1700

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

DUNLAP CODDING &amp; ROGERS, P.C.

# FEE TRANSMITTAL

## for FY 2004

Patent fees are subject to annual revision.

☒ Application claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$ 0)

## Complete if Known

Application Number	09/469,200
Filing Date	12/21/1999
First Named Inventor	Paul H. Weigel et al.
Examiner Name	G. Bugaisky
Art Unit	1653
Attorney Docket No.	35541.011

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

 Deposit  
 Account  
 Number  
 Deposit  
 Account  
 Name

04-1700

 Dunlap, Coddling & Rogers, P.C.  
 Customer No. 30589

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$ 0)

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims			\$0
Multiple Dependent			\$0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 0)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051 130	2051 65			Surcharge - late filing fee or oath	
1052 50	2052 25			Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130			Non-English specification	
1812 2,520	1812 2,520			For filing a request for ex parte reexamination	
1804 920*	1804 920*			Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*			Requesting publication of SIR after Examiner action	
1251 110	2251 55			Extension for reply within first month	
1252 420	2252 210			Extension for reply within second month	
1253 950	2253 475			Extension for reply within third month	
1254 1,480	2254 740			Extension for reply within fourth month	
1255 2,010	2255 1,005			Extension for reply within fifth month	
1401 330	2401 165			Notice of Appeal	
1402 330	2402 165			Filing a brief in support of an appeal	
1403 290	2403 145			Request for oral hearing	
1451 1,510	1451 1,510			Petition to institute a public use proceeding	
1452 110	2452 55			Petition to revive - unavoidable	
1453 1,330	2453 665			Petition to revive - unintentional	
1501 1,330	2501 665			Utility issue fee (or reissue)	
1502 480	2502 240			Design issue fee	
1503 640	2503 320			Plant issue fee	
1460 130	1460 130			Petitions to the Commissioner	
1807 50	1807 50			Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180			Submission of Information Disclosure Stmt	
8021 40	8021 40			Recording each patent assignment per property (times number of properties)	
1809 770	2809 385			Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385			For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385			Request for Continued Examination (RCE)	
1802 900	1802 900			Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0)

## SUBMITTED BY

(Complete if applicable)

Name (Print/Type)

Douglas J. Sorocco

Registration No.

43,145

Telephone (405) 607-8600

Signature

Date

04/05/2004

Mail Stop Non-Fee Amendment  
 Commissioner for Patents  
 PO Box 1450, Alexandria, VA 22313-1450